## (19) World Intellectual Property Organization International Bureau





(43) International Publication Date 28 August 2003 (28.08.2003)

**PCT** 

## (10) International Publication Number WO 2003/069991 A3

(51) International Patent Classification<sup>7</sup>:

A01N 25/00

(21) International Application Number:

PCT/US2003/004881

- (22) International Filing Date: 19 February 2003 (19.02.2003)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/359,014

20 February 2002 (20.02.2002) US

- (71) Applicant (for all designated States except US): E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): DAWKINS, Tudor [GB/GB]; 135 Cambridge Road, Wimpole, Royston, Hertfordshire SG8 5QB (GB).
- (74) Agent: HEISER, David, E.; E.I. DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

with international search report

(88) Date of publication of the international search report: 11 March 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR CONTROLLING INVERTEBRATE PESTS AND/OR FUNGAL DISEASES WHICH AFFECT POTATOES OR OTHER CROPS

(57) Abstract: A method of protecting crop plants by controlling phytophagous invertebrate pests and/or plant diseases caused by fungal pest is disclosed. The method involves applying a series of doses of an aqueous mixture containing an effective amount of a crop protection agent to the locus of the roots of the crop plants by means of perforated or porous conduit (e.g., tubing or irrigation tape) on or near the surface of the soil. At least one dose of the series is applied in the period from one week prior to planting to two days prior to harvest; and at least two doses of the series are applied at least two days apart during the growing season of the crop or the infestation period of a pest being controlled.

